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(Materials--Photographic, TT, v. 8, no. 1)

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DESCRIPTORS: *Photographic emulsions, Sedimentation, Photographic plates.

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

Gelatin Concentration During the First Ripening, by V. L. Zelikman, E. B. Kondrat'yeva, 5 pp.

RUSSIAN, per, Uspekh Nauch Fotograf, Vol VII, 1960, pp 115-119.

CIA/FDD XX-1046
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chem

166,458

Sep 61

USIB INTERNAL USE ONLY

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

Zelikman, V. L.
METHODS FOR HARDENING PHOTOGRAPHIC EMULSIONS: LITERATURE REVIEW. [1962] 14p. 73 refs.
Order from OTS or SLA $1.60 62-10977

Trans. of Uspekhi Nauchnoi Fotografii (USSR) 1961, v. 7, p. 161-169.
Another trans. is available from OTS or SLA $1.60 as 62-14466 [1962] 17p.

DESCRIPTORS: *Photographic emulsions, Hardening, Photographic chemicals, Organic compounds.

(Materials--Photographic, TT, v. 8, no. 5)

62-10977

I. Zelikman, V. L.

222,642

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

Sedimentation of Photographic Emulsions Using Inclined Plates, by V. L. Zelikman, V. A. Dmitriyeva, I. B. Kondratyeva, 5 pp.

RUSSIAN, per, Trudy NIKFI, No 35, 1962, pp 54-59.

CIA/FDD XX-1092
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Sci - Phys

Jan 62

178 576

USID INTERNAL USE ONLY

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

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Reversible Aggregation of Ultrafine-Grain Emulsions, by V. L. Gelikman, V. A. Dmitrieva, 3 pp.

RUSSIAN, per, Trudy NIKFI, No 35, 1960, pp 60-63.

CIA/FDD XX-1126
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Sci

Mar 61

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RUSSIAN, per, Tekhnika Kino i Tele, Vol VIII, No 11, 1964, pp 6-9.
CIA/FDD XX-1715
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V. L. Zelikman

Jun 65
USIB Internal Use Only

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

Zelikman, V. L. and Kondrat'eva, E. B.
GELATIN CONCENTRATION DURING THE FIRST RIPENING. [1961] 5p.
Order from ATS $7.00 ATS-65N52R

Trans. of Uspekhi Nauch[nol] Fot[ografii] (USSR) 1960, v. 7, p. 115-119.

DESCRIPTORS: *Gelatin, Processing.

(Materials--Photographic, TT, v. 6, no. 6)

61-25074

I. Zelikman, V. L.
II. Kondrat'eva, E. B
III. ATS-65N52R
IV. Associated Technical Services, Inc., East Orange, N. J

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

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A Comparison of Different Methods of Preparation of Photographic Emulsions, by V. L. Zelikman, E. I. Klyuzhova, 18 pp.

RUSSIAN, pub, Zhur Nauch i Prik Fotog i Kinematog, Vol III, No 5, 1958, pp 335-344.

ATS 54L35R

CIA/FDD XX-783

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Sci - Physics
Mar 60
USIS INTERNAL USE ONLY

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

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Characteristics of Tanning of Photographic Emulsions With Organic Tanning Agents, by V. L. Zelikman, E. B. Kondrat'yeva, 15 pp.

RUSSIAN, per., Tekh Kino i Televideniya, Vol III, No 6, 1959, pp 47-54.

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Sci - Physics
Mar 60
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A Study of the Continuous Process of Sedimentation of Photographic Emulsions, by N. I. Kirillov, Yu. G. Chikishev, V. L. Zelikman, 8 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotog i Kinematog, Vol I, No 4, 1956, pp 266-271.

Sci Mus Lib Tr 57/1223

Sci - Physics
Aug 57

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

The Work of Soviet Scientists in the Field of Photographic Emulsion Technology, by V. I. Zelikman, 22 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i Kinematog Vol III, No 6, 1958, pp 452-468.

CIA/FDD XX-710
NOT RELEASABLE TO FOREIGN NATIONALS

SLA-59-20837

Sci - Physics
Dec 59
USIB INTERNAL USE ONLY

102,574

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

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Motion Picture Film and Its Processing, by S. M. Antonov, V. L. Zelikman, I. I. Markhilevich, (AF 490136, AF 316298), 394 pp. UNCLASSIFIED

RUSSIAN, bk, Kinoplenka i ee obrabotka, ~~[illegible]~~ CIA V 1678, 1950.

ATIC F-TS-8287

Scientific - Physics Feb 55 CTS/DEX

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A New Useful Modification of "Anomalous" Aging of Photographic Emulsions, by V. L. Zelikman, 4 pp.

RUSSIAN, per, Zhur Prik Khim, No 5, May 1953, pp 553-555.

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Scientific - Chemistry Jan 55 CIS/DEX

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[illegible] of the Manufacture of Two-Layer
[illegible], by V. L. Zelikman, V. A. Maltriyeva, 14 pp.
[illegible] OFFICIAL USE ONLY
[illegible], per, Tech Kino Tekhnika, Vol VII, 1964,
pp 7-[illegible]. [illegible]
[illegible]

Zelikman V. L.

[illegible]

[illegible]

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

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55

Rhenium Coating of Refractory Metals by Thermal Dissociation of Chlorine Compounds of Rhenium, by A. N. Zelikman, N. V. Baryshnikov, 9 pp.
RUSSIAN, rpt. Vsesoyuznoye Soveshchaniye po Probleme Reniya, Moscow, 1958, Reniy, Trudy Soveshchaniya, 1964, pp 102-109.
AIR/FTD/BT-23-1159-67

Ya. N. Zelikman

Sci-Mat
Jan 69

370,883

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

Hilfsmaschinen der Walzstrassen. 1954, by A. I. Zelikov.

Translated from the Russian original. 1946.

DSIR 621.771
Lending Lib Unit
G. 12279

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

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31

The Localization and Retention of Antibodies in the Animal Organism After Injection of Pertussis Gamma-Globulin, by R. E. Zelikova, 7 pp. [illegible], per. Trudy, Moscow, Nauchno-Issledovatel'skiy Institut Vaktsin i Syvorotok, Voprosy Immunitete i Proizvodstva Bakteriynykh Preparatov, No 17, 19[illegible], pp 72-76.
AIR/FTD/[illegible]-23-813-67

R. E. Zelikova

X
Sci-[illegible] and [illegible]
Nov 68

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

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31

Localization of Pertussoid Antigen and Antibodies in the Animal Organism, by R. E. Zalikova, 8 pp. RUSSIAN. por. Trudy, Moscow. Nauchno-Issledovatel'skiy Institut Vaktsin i Syvorotok. Voprosy Immunitety i Proizvodstva Bakteriynykh Preparatov, No 17, 1961, pp 66-71.
AIR/FTD/HT-23-513-67

R. E. Zelikova

Sci-H and M
Nov 68

363,130

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

Stabilization of Small Direct Currents by Means of Standard Cells, by Z. I. Zelikovskiy, 5 pp.

RUSSIAN par, Izmeritel Tekh, No 3, 1961, pp [illegible]

ISA

Sci

184,389

Feb 62

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The Planning of Transport in Iron and Steel Works,
by J. Polasek, E. Zelinka. UNCL

CZECH, per, Hutnicke Listy, Jul 1958, pp 626-631.

British Iron and
Steel Ind 1243
(15 15s.0d.)

KHur - Czechoslovakia
Econ
Jun 59

90, 238

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

(NY-1452)

The Sixtieth Year of Academician Eduard Cech,
by J. Novak, Fr Vycichlo, R. Zelinka, 21 pp.
UNCLASSIFIED

CZECH, qu per, Casopis pro Pestovani Matematiky,
Vol LXXVIII, No 2, Prague, 29 Jun 1953, pp 185-
194.

US JPRS/NY-L-211

Sci - Miscellaneous
EEur - Czechoslovakia
Biographic

66,104

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

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The Mechanism of the Action of Antibiotics on the Development of Plant Seedlings, by F. Shorm, M. Zelinkova, 6 pp.

RUSSIAN, Per, Dok Ak Nauk SSSR, Vol C, 1955, pp 525-528.

SLA Tr R-1320

Sci

Jun 58

65,846

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Synthesis of Planar-Aperture Antennas, by
Ye. G. Zelkin, 5 pp.

RUSSIAN, per, Radio i Elek, Vol VIII, No 12,
1963.

IEEE

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Sept 64

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

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Synthesis of a Synthesizing Linear Emitter of Arbitrary Form, by Ye. G. Zelkin, 8 pp.

RUSSIKAI, Per, Radio i Elek, Vol VIII, No 12, 1963.

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Sept 64

27,272

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

[redacted]

Precision Measurement of Radio Emission of the Moon on λ 3.2 cm, by L. N. Bondar, M. R. Zelinskaya, 7 pp.

RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy MViSSO SSSR po Razdelu Radiofizika, Vol V, No 4, 1962, pp802-804.

JPRS 16917

Sci

220,224

Jan 63

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

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78

Integration Block of a Digital Integrating Machine, by B. V. Barun, E. M. Zelinskiy and V. I. Sergiyenko, 13 pp.
[illegible], per, Kombinirovannyye Vychalitel'nyye Mashiny, Trudy Vtory Vsesoyuznoy Konferentsii-Seminara po Tsoorri i Metodam Matematicheskogo Modelirovaniya, 1960. P100098167-7
FTD-MT-[illegible]

E. M. Zelinskiy

Sci - [illegible]
Feb 67 Elect

320,030

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

Integration Block of a Digital Integrating Machine, by B. V. Berun, E. M. Selinskiy, 12 pp. PONT EDITED

RUSSIAN, per, Trudy Vses Konfer-Seminar po Teorii i Metodam Mate Modelir, Moscow, 1962, pp 106-113.
9695357

FTD-HT-64-218
GOOV'T USE ONLY

Sci - Data Proc
Dec 64

269,680

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

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The Effect of Additions of Vanadium on the Self-Diffusion of Iron, by M. S. Zalinskiy, B. M. Noskov, P. V. Pavlov, 5 pp.

RUSSIAN, ppr, Fiz Metal i Metall, Vol VIII, No 5, 1960, pp 725-730.

PP

Sci
Mar 61

143,994

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Lunar Radio Emissions at 1.63 cm Wavelength,
by M. R. Zelinskaya, V. S. Troitskiy,
L. I. Fedoseyev, 5 pp.

RUSSIAN, pur, Astron Zhur, Vol XXXVI, No 4,
1959, pp 643-647.

Amer Inst of Phys
Soviet Astron-AJ
Vol III, No 4

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Mar 60

110,694

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

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Centenary of the Birth of Academician, by N. D. Zelinskiy, A. A. Balandin, 4 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXV, No 3, 1961, pp 481-489.

Cleaver-Hume Press Ltd.

Sci

Feb 62

182,697

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

Zelinskii, N. D. and Hal'pern, G. D.
INVESTIGATION OF THE JURASSIC OIL FROM THE KOSTCHAGYL OIL DEPOSIT. COMMUNICATION 3. CORRECTED DATA REGARDING THE COMPOSITION OF THE GASOLINE-KEROSINE FRACTIONS. 13p. 11 refs. MTWL-275.
Order from OTS or PTC $1.85 61-17990

Trans. of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya, 1941, nr. 5, p. 3-10.

OLEFINIC OILS: Gasoline, Kerosine, Mineral oils, Analysis, Hydrogenation, Catalysis.

61-17990

I. Zelinskii, N. D.
II. Hal'pern, G. D.
III. MTWL-275
IV. Stichting Mosilijk Tuchtenkolijk, Wetenschappelijke Literatuur

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

Zelinskii, N. D., Arbuzov, Yu. A., and Batuev, M. I.
CONTACT ISOMERIZATION OF 1-OCTENE AND INVESTIGATION OF THE ISOMERIZATION PRODUCTS BY THE COMBINATION SCATTERING SPECTRAL METHOD. [1961] 6p. 8 refs.
Order from OTS or SLA $1.10 61-18198

Trans. of [Akademiya Nauk SSSR]. Comptes Rendus (Doklady) de l'Academie des Sciences de l'U. R. S. S., 1945, v. 46, p. 150-153.

DESCRIPTORS: *Octenes, Molecular isomerism, Catalysis, Spectrographic analysis, Hydrocarbons.

Isomerization of 1-octene was studied at 450° in the presence of beryllium oxide and at 400° in the presence of silica gel. In the first case methylheptenes were mainly formed. These were hydrogenated and the product subjected to Raman spectroscopy, whereby 4-methylheptane, 3-methylheptane and some 2-methyl-

(Chemistry--Organic, TT, v. 6, no. 7) (over)

61-18198

I. Zelinskii, N. D.
II. Arbuzov, Yu. A.
III. Batuev, M. I.

Office of Technical Services

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

Zelinskii, N. D. and Arbuzov, Yu. A.
CONTACT ISOMERIZATION OF CYCLOHEPTENE.
[1961] 5p. 13 refs.
Order from OTS or SLA $1.10 61-18165

Trans. of [Akademiya Nauk SSSR]. Comptes Rendus (Doklady) de l'Academie des Sciences de l'U. R. S. S., 1944, v. 45, p. 19-21.

DESCRIPTORS: *Cycloheptenes, *Molecular isomerism, Hydrocarbons.

Isomerization of cycloheptene was effected at 400 and a rate of flow of 5 g per hour through a reaction tube 15 mm in internal diameter, in which a 50-cm long layer of silica gel was contained. Data obtained upon hydrogenation of the product revealed that the principal product was a mixture of cyclopentene derivatives among which the 1, 2-dimethyl derivative prevailed. Formation of 1-methylcyclohexene as an intermediate (Chemistry--Organic, TT, v. 6, no. 7) (over)

61-18165

1. Title: Contact conversion
I. Zelinskii, N. D.
II. Arbuzov, Yu. A.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

Zelinskii, N. D.

CONTACT PHENOMENA CHANGING THE CHEMICAL NATURE OF HYDROCARBONS. [1961] 14p. 60 refs. Order from OTS or SLA $1.60 61-18075

Trans. of Rus. Trudy Sessii Akademii Nauk SSSR po Organicheskoi Khimii (Transactions of the Organic Chemistry Session of the Academy of Sciences of the USSR) Dec 36, Moscow/Leningrad, 1939, p. 5-24.

DESCRIPTORS: Catalysis, Hydrogenation, Dehydrogenation, Hydrocarbons, Heptanes, Pentanes, Methanes, Octanes, Ethylenes, Gasoline, Dissociation, Synthesis.

(Unannounced)

61-18075

I. Zelinskii, N. D.
II. Title: Transactions ...
III. Title: Organic ...

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

Zelinskii, N. D., Arbuzov, Yu. A., and Batuev, M. I.
CONTACT CONVERSIONS OF 1,3-CYCLOHEXADIENE AND 1,4-CYCLOHEXADIENE. [1961] 7p.
17 refs.
Order from OTS or SLA $1.10 61-18891

Trans. of Akademiya Nauk SSSR, Otdelenie Khimicheskikh Nauk. Izvestiya, 1945, p. 486-491.

DESCRIPTORS: *Cyclohexadienes, Chemical reactions, *Beryllium compounds, *Oxides, Catalysts, Catalysis, Hydrogenation, Cyclohexenes, Methyl radicals, Cyclopentenes, Cyclopentanes, Cyclohexanes, Benzenes, Hexanes, Pentenes, Pentanes, Raman spectroscopy.

Contact conversions of two cyclohexadienes were studied in the presence of beryllium oxide at 400°. The principal products from 1,3- and 1,4-cyclohexadiene, respectively, are as follows: benzene, 55 and 82 mole per cent; methylcyclopentene isomers, 28 and 12 mole
(Chemistry--Organic, TT, v. 6, no. 10) (over)

61-18891

I. Zelinskii, N. D.
II. Arbuzov, Yu. A.
III. Batuev, M. I.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

Zelinskii, V. A.
THE FUNCTIONAL STATE OF THE ARTERIAL SYSTEM IN PATIENTS WITH HYPERTENSIVE DISEASE. [1963] [18]p. 16 refs. FASEB manuscript no. S 402-2.
Order from OTS or SLA $1.60 63-23031

Trans. of Terapevticheskii Arkhiv (USSR) 1962, v. 34, no. 10, p. 20-26.

DESCRIPTORS: *Arteries, *Hypertension, Heart, *Blood circulation, Velocity, Blood vessels, Atherosclerosis, Diagnosis.

The tone of arteries of hypertensive patients was studied by measuring the pulse wave velocity and examining the radiographic shadow of the aorta. The pulse wave velocity was measured from the carotid to the femoral artery, from the brachial to the radial, (Biological Sciences--Pathology, TT, v. 10, no. 9)
(over)

63-23031

I. Zelinskii, V. A.
II. FASEB S-402-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

ZELINSKIY, N. D.

Condensing Action of Methylene Radicals on Ethylene, by Ya. T. Eydus, N. D. Zelinskiy, N. I. Ershov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 4, 1948.

PA 77 T1

AEC Tr 284

Nov cts

A 13415

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

Zelinskii, N. D. and Kozlov, N. S.
DECOMPOSITION OF NATURAL AND SYNTHETIC RUBBER IN THE PRESENCE OF ALUMINUM CHLORIDE. [1961] 8p 8refs
Order from OTS, SLA, or ETC $1.10 TT-61-16813

Condensed trans. of Zhurnal Prikladnoi Khimii (USSR) 1933. v. 6, [no. 1] p. 36-44.

DESCRIPTORS: *Rubber, *Synthetic rubber, Decomposition, Aluminum compounds, Chlorides, Hydrocarbons, Polymerization.

(Engineering--Chemical, TT, v. 11, no. 3)

TT-61-16813

I. Zelinskii, N. D.
II. Kozlov, N. S.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

Thermal Decomposition of Cyclohexanes, bt N. D. Zelinskiy, B. M. Mikhailov, et al. 9 pp. RUSSIAN, per, Zhurnal Obshchei Khimii, Vol 4, 1934, pp 856-865.
OTS-TT-61-16969
SLA

N. D. Zelinskiy

Sci/Chemistry
Jul 66

306,001

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000302030024-4

Obtaining Styrene by Catalytic Dehydrogenation of Ethyl Benzene, by A. A. [illegible], N. D. Zelinskii, G. M. [illegible], O. K. [illegible], 36pp
[illegible], per, [illegible], Vol 14, 1941, No 2, pp [illegible]
SIA TT-[illegible]

N. D. Zelinskii

Sci - Chem
June 67

328,912

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